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Appl. No.: 10/527,341

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently amended) A sealing system for a multi-terminal electrical connector comprising a plastic body in which is housed a multi-terminal seal of a flexible material having several through-holes that pass completely through the multi-terminal seal, wherein the through holes are each designed to receive an electric connection wire and at least one part of a connection terminal in which the wire is crimped, wherein the sealing system also comprises a single-unit seal of tubular shape, adapted to partially surrounding the connection wire and adapted to be inserted at least partially into one of the through-holes of the multi-terminal seal, wherein the through-holes of the multi-terminal seal each have a front part having a section which is adapted to at least partially conform to the single-unit seal.
2. (Previously presented) The sealing system according to claim 1, further characterized in that the single-unit seal has a first section provided with sealing lips pressing on the walls of the through-hole.
3. (Previously presented) The sealing system according to claim 1, further characterized in that the single-unit seal has a smooth second section.
4. (Previously presented) The sealing system according to claim 3, further characterized in that the second section of

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the single-unit seal is adapted to be partially inserted into the connection terminal.

5. (Currently amended) The sealing system according to claim 1, further characterized in that the through-holes of the multi-terminal seal each have a ~~front part having a section which is adapted to at least partially conform to the first section of the single unit seal and~~ a rear part having a section which is adapted to at least partially conform to the section of the a larger size connection wire which can be used with the electrical connector without the single-unit seal.

6. (Previously presented) The sealing system according to claim 5, further characterized in that rear part of the through-holes has sealing lips pressing on the connection wire.

7. (Previously presented) The sealing system according to claim 5, further characterized in that front part of the through-holes is smooth.

8. (Previously presented) The sealing system according to claim 1, further characterized in that the multi-terminal seal comprises two plates positioned on top of one another, one of these plates comprising the front part of the through-holes and the other plate comprising the rear part of the through-holes.

9. (Previously presented) The sealing system according to claim 1, further characterized in that the multi-terminal seal is of an elastic and impermeable material.

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10. (Previously presented) An electrical connector comprising several connection terminals and electrical connection wires, wherein the electrical connector comprises the sealing system according to claim 1.

11. (Currently amended) A multi-terminal electrical connector sealing system comprising:

a multi-terminal seal, wherein the multi-terminal seal comprises a flexible material having a plurality of through-holes that pass completely through the multi-terminal seal, wherein the through-holes are adapted to receive an electric connection wire and at least a portion of an electrical terminal in which the wire is crimped; and

at least one single-unit seal having a general tubular shape, wherein the single-unit seal is adapted to at least partially surround the connection wire, and wherein the single-unit seal is adapted to be located at least partially in one of the through-holes of the multi-terminal seal,

wherein the through-holes of the multi-terminal seal each have a front part having a section which is adapted to at least partially conform to the single-unit seal.

12. (Currently amended) An electrical connector comprising:

a housing;

at least one electrical terminal connected to the housing;

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a multi-terminal seal having a plurality of through-holes adapted to receive an electrical wires and at least a portion of the at least one having electrical terminals thereon; and

at least one single-unit seal having a general tubular shape, wherein the single-unit seal is adapted to at least partially surround at least one of the connection wires, and wherein the single-unit seal is adapted to be located at least partially in a one of the through-holes of the multi-terminal seal, and wherein the through-holes of the multi-terminal seal each have a front part having a section which is adapted to at least partially conform to the single-unit seal.

13. (New) An electrical connector subassembly comprising:

a housing having electrical terminal receiving areas; and

a multi-terminal seal connected to the housing, wherein the multi-terminal seal comprises a plurality of through-holes adapted to receive electrical wires having electrical terminals connected thereto, wherein the through-holes each comprise a front section and a rear section,

wherein the rear sections are each adapted to at least partially conform to a first one of the electrical wires having a first larger size,

wherein the front section are each adapted to receive a single-unit seal having a tubular shape which are

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inserted into the front section for sealing with a second electrical wire having a second smaller size, and

wherein the front sections are adapted to at least partially conform to a single-unit seal.

14. (New) An electrical connector subassembly as in claim 13 further comprising at least one single-unit seal located in at least one of the front sections of the multi-terminal seal.